

Dr. Duke's Phytochemical and Ethnobotanical Database

List of Plants for ALPHA-GUAIENE

Plant	Part	Low PPM	High PPM	StdDev	Reference
Aralia cordata	Stem	2	2		--
Arctium lappa	Root	--	--		Jim Duke's personal files.
Artemisia annua	Plant	15	1880	-1	--
Artemisia herba-alba	Plant	--	--		--
Boswellia sacra	Essential Oil	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Eucalyptus globulus	Fruit Essent. Oil	--	31500	1	--
Humulus lupulus	Fruit	16	16		--
Hyptis suaveolens	Shoot	6	6	0.37139067635410333	Mallavarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of <i>Hyptis suaveolens</i> (L.) Poit. J. Ess. Oil Res. 5: 321.
Hyptis suaveolens	Shoot	--	6	0.37139067635410333	Mallavarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of <i>Hyptis suaveolens</i> (L.) Poit. J. Ess. Oil Res. 5: 321.
Laurus nobilis	Leaf	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Laurus nobilis	Leaf Essent. Oil	--	--		--
Micromeria fruticosa	Leaf	1	1		Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of <i>Micromeria congesta</i> . J. Ess. Oil Res., 3: 387-393.
Ocimum basilicum	Plant	--	--		--
Ocimum basilicum	Shoot Essent. Oil	--	1300		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Origanum syriacum</i>	Shoot	0	0	-1.2998673672393632	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of <i>Origanum syriacum</i> L. Essential Oil. <i>J. Ess. Oil Res.</i> 3: 121-123.
<i>Origanum syriacum</i>	Shoot	--	6	0.37139067635410333	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of <i>Origanum syriacum</i> L. Essential Oil. <i>J. Ess. Oil Res.</i> 3: 121-123.
<i>Origanum syriacum</i>	Shoot	--	0	-1.2998673672393632	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of <i>Origanum syriacum</i> L. Essential Oil. <i>J. Ess. Oil Res.</i> 3: 121-123.
<i>Panax ginseng</i>	Root Essent. Oil	--	40000	1	--
<i>Panax ginseng</i>	Root	--	--		--
<i>Panax ginseng</i>	Flower Essent. Oil	--	55000		--
<i>Pelargonium citrosum</i>	Shoot	--	10	1.4855627054164144	Matsuda, B. M., et al. 1996. Essential Oil Analysis and Field Evaluation of the Citrosa Plant ' <i>Pelargonium citrosum</i> ' as a Repellent Against Populations of <i>Aedes</i> Mosquitoes. <i>J. Am. Mosq. Contr. Assoc.</i> 12(1):69-74.
<i>Piper nigrum</i>	Fruit	--	--		--
<i>Piper nigrum</i>	Fruit Essent. Oil	--	1100	-1	--
<i>Pogostemon cablin</i>	Plant	1261	5460	1	--
<i>Ptychopetalum olacoides</i>	Root Essent. Oil	--	6000	-1	Uber Bucek, E., Fournier, G., Dadoun, H. 1987. Volatile Constituents of <i>Ptychopetalum olacoides</i> Root Oil. <i>Planta Med.</i> 53, 2: 231.